

Figure 3-5a

Zinc and Copper Concentrations vs Depth  
Transect 1

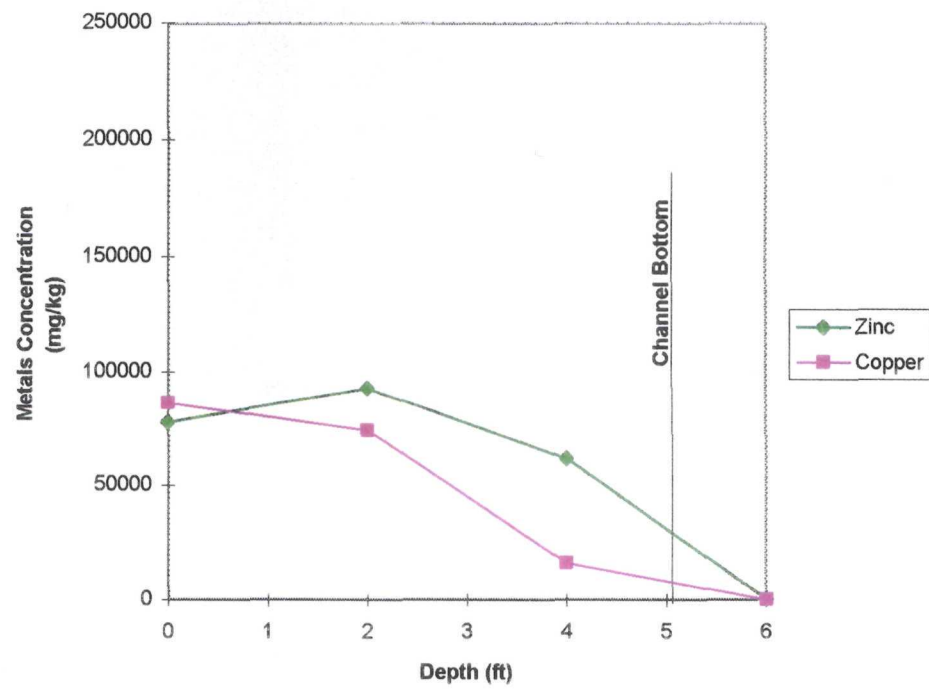


Figure 3-5b

Zinc and Copper Concentrations vs Depth  
Transect 3

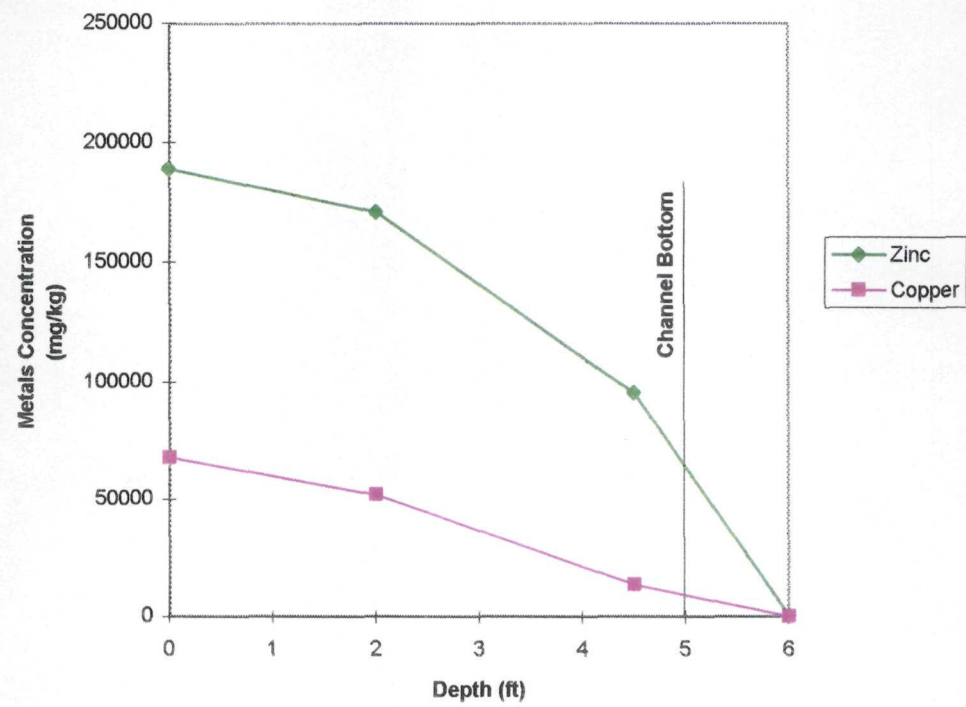


Figure 3-5c

Zinc and Copper Concentrations vs Depth  
Transect 5

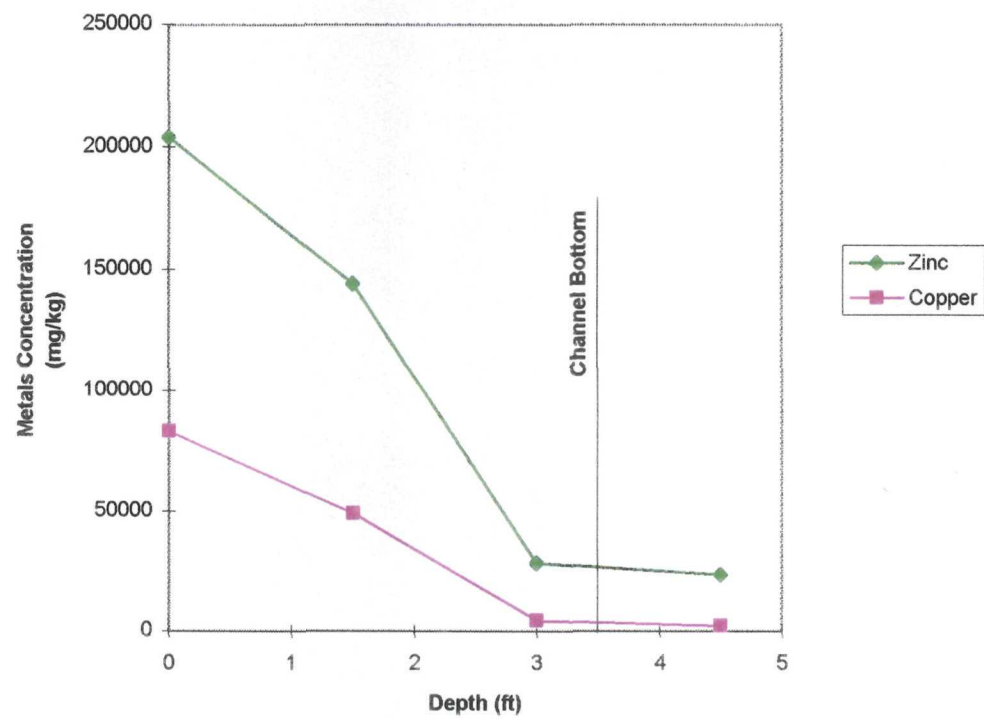


Figure 3-5d

Zinc and Copper Concentrations vs Depth  
Transect 7A

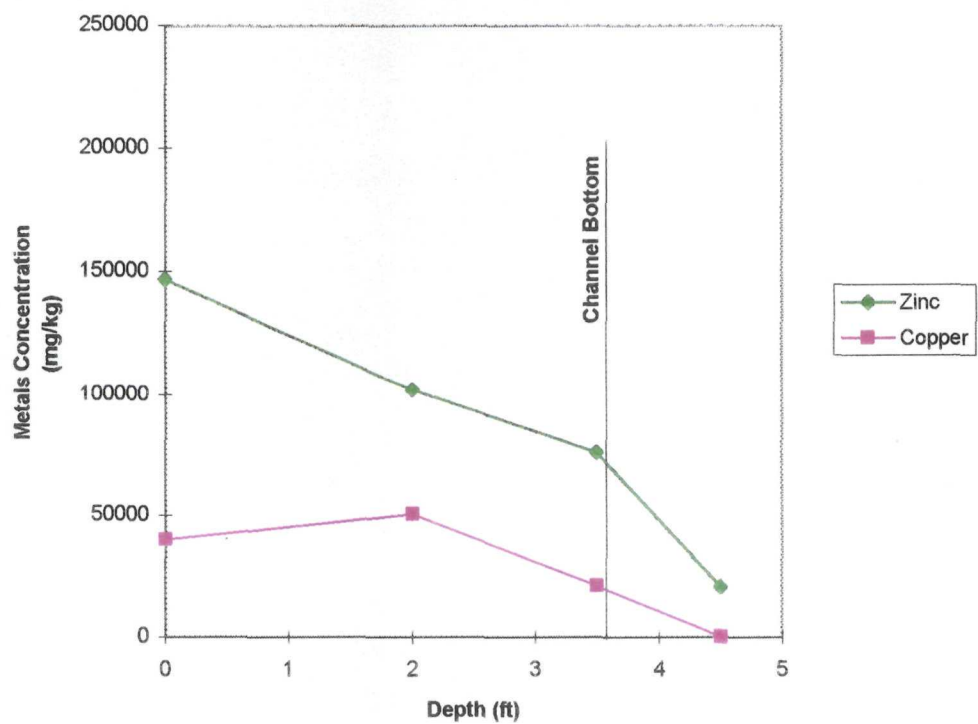


Figure 3-5e

Zinc and Copper Concentrations vs Depth  
Transect 7B

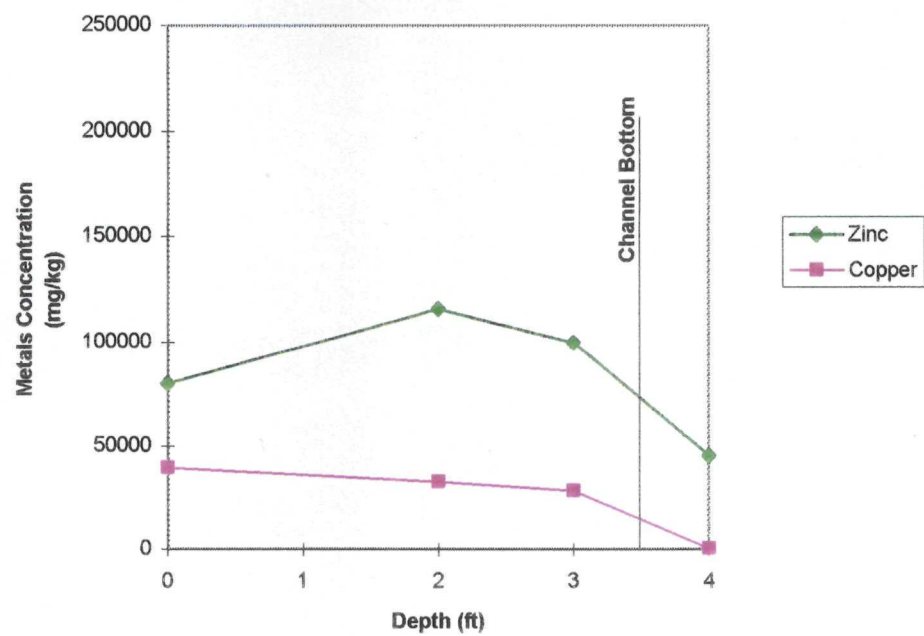


Figure 3-5f

Zinc and Copper Concentrations vs Depth  
Transect 9A

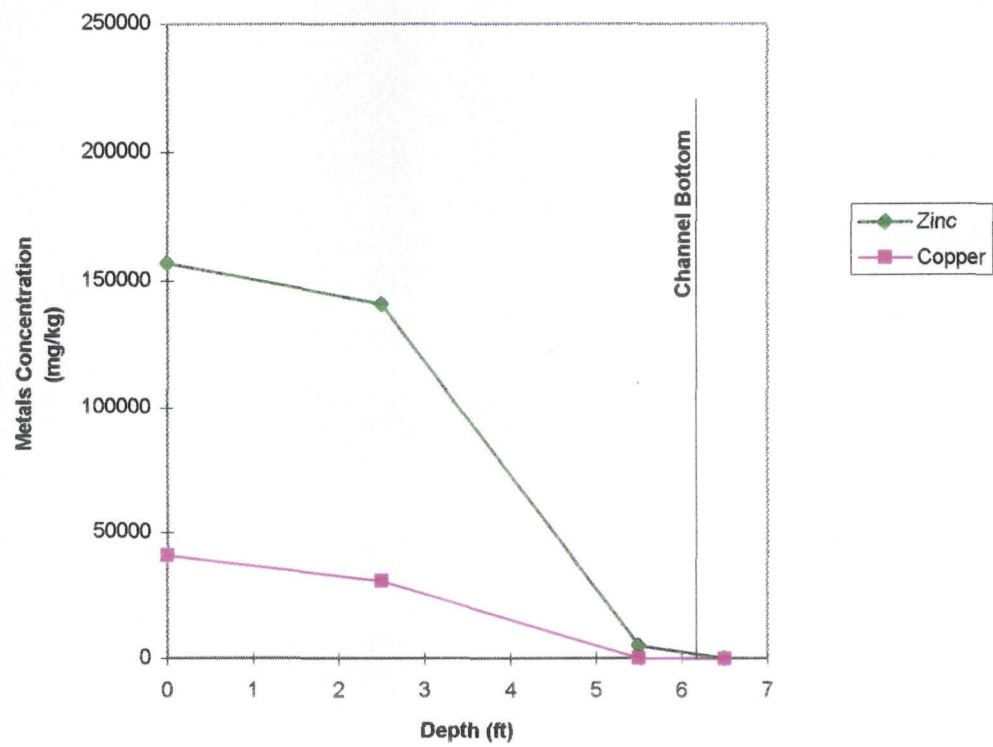


Figure 3-5g

Zinc and Copper Concentrations vs Depth  
Transect 9B

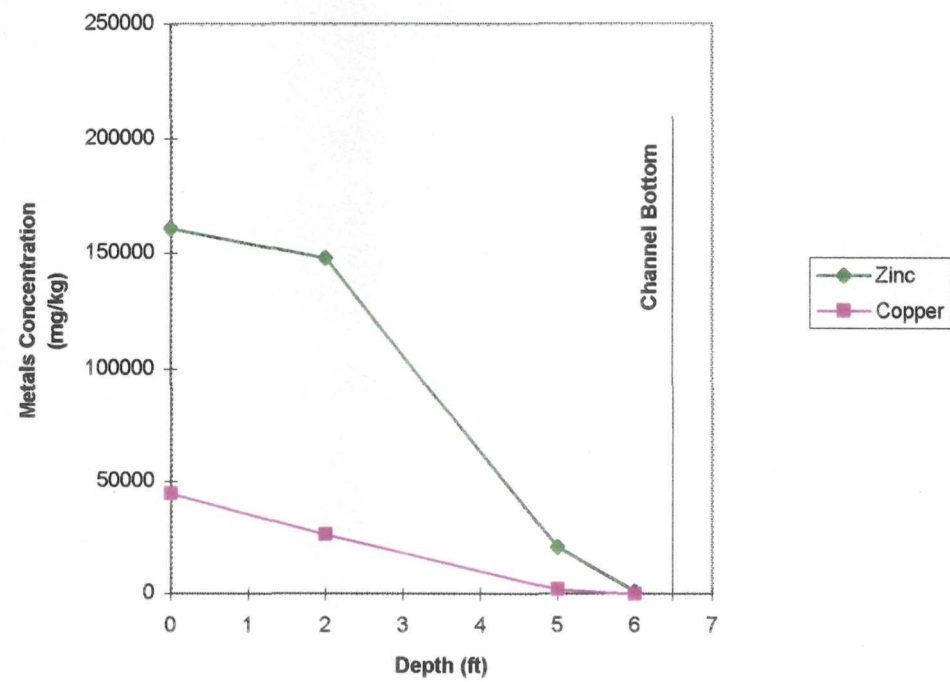


Figure 3-5h

Zinc and Copper Concentrations vs Depth  
Transect 11

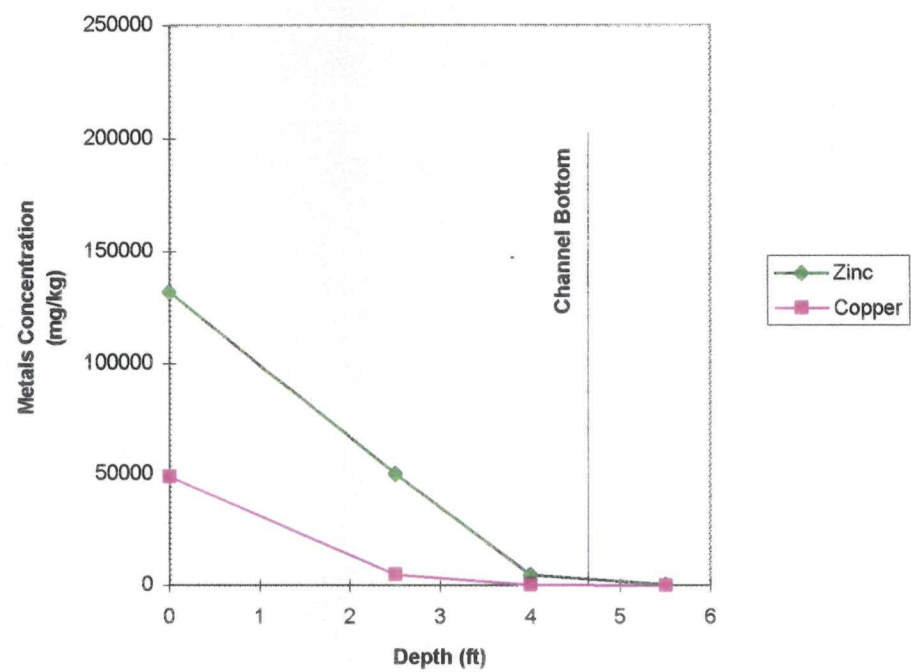


Figure 3-5i

Zinc and Copper Concentrations vs Depth  
Transect 13A

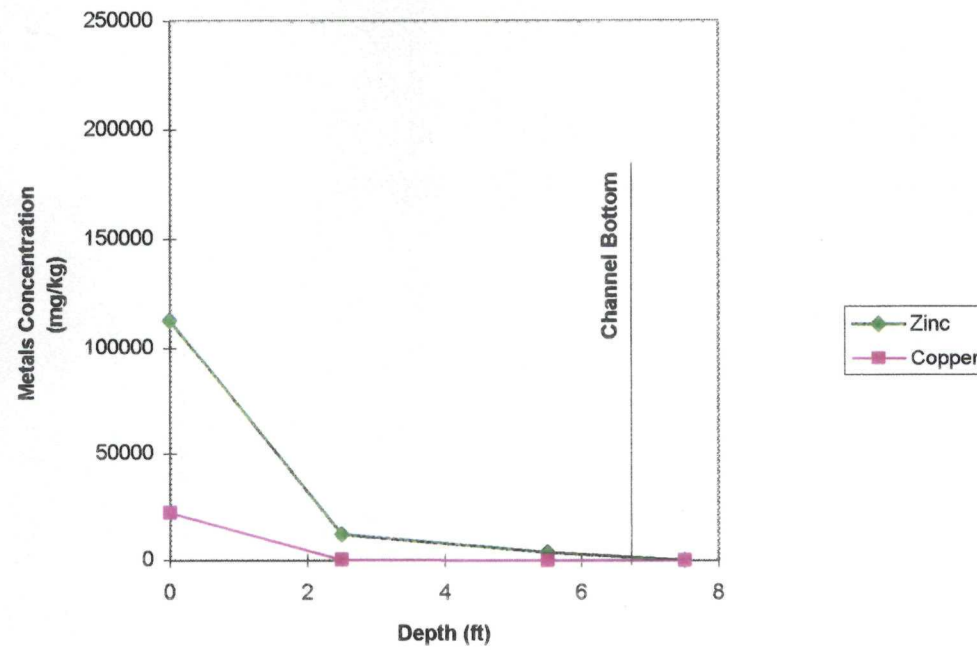


Figure 3-5j

Zinc and Copper Concentrations vs Depth  
Transect 13B

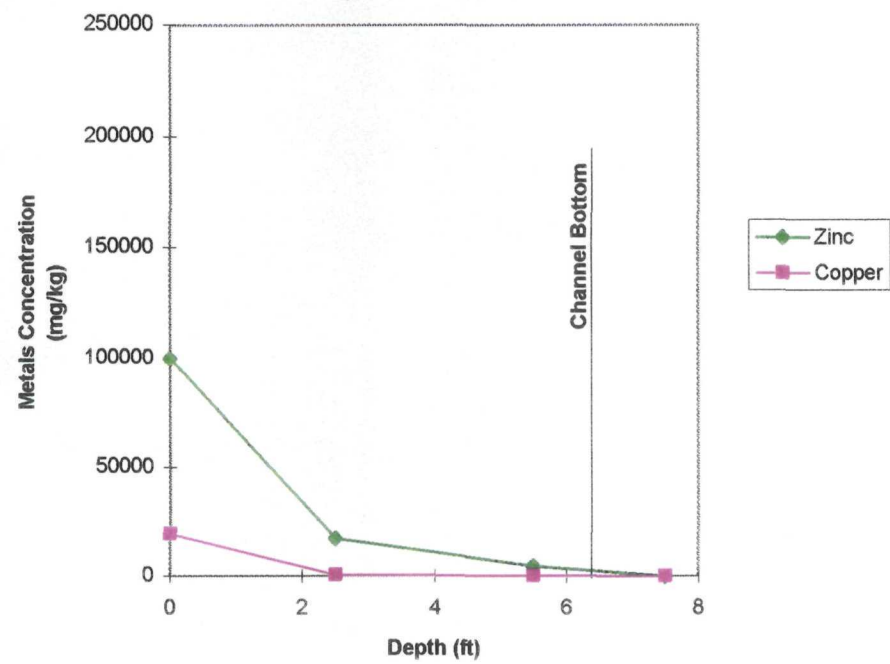


Figure 3-5k

Zinc and Copper Concentrations vs Depth  
Transect 14

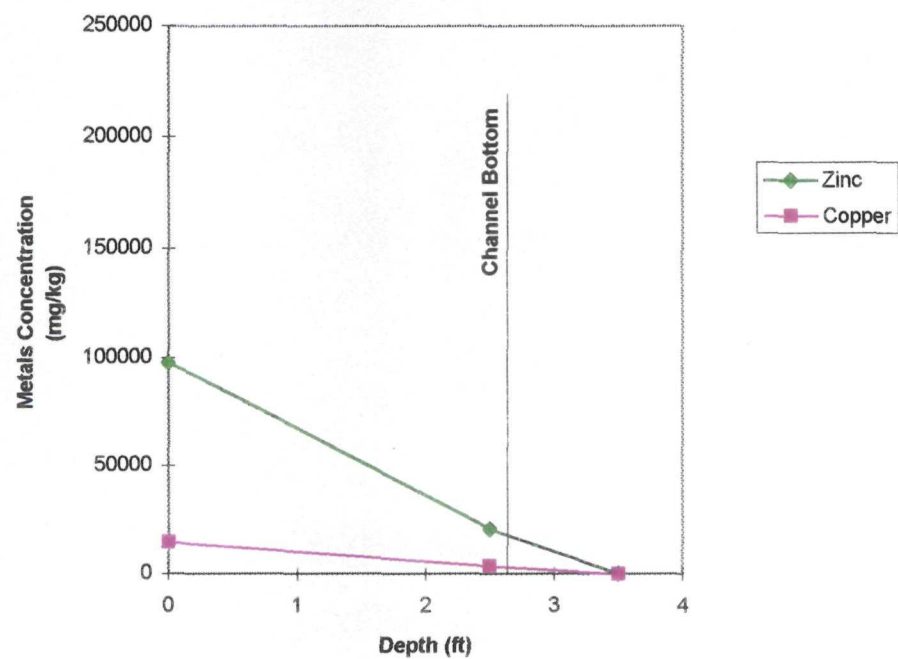


Figure 3-6a

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 1

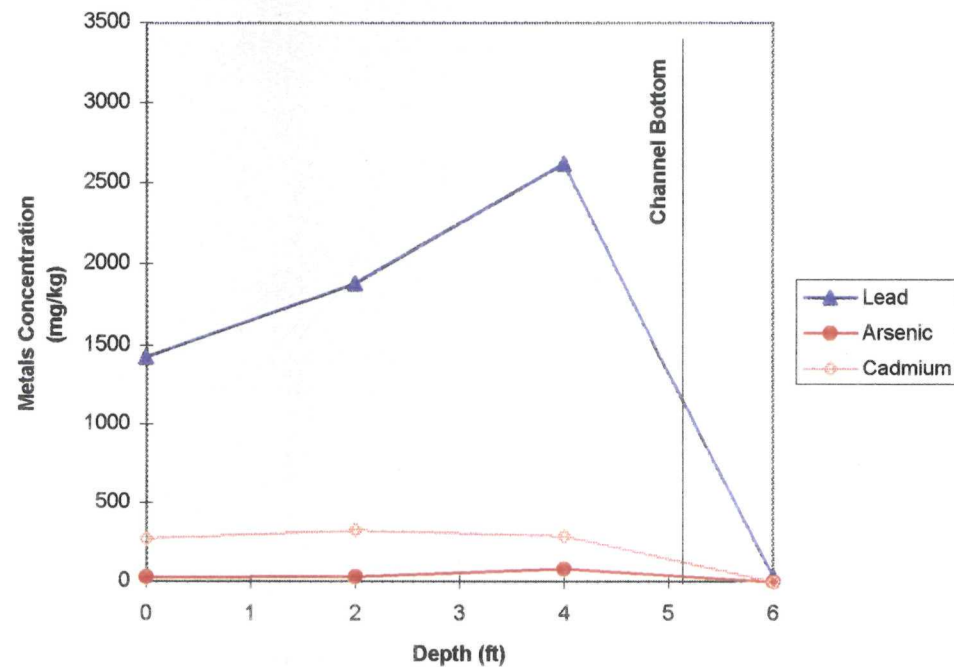


Figure 3-6b

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 3

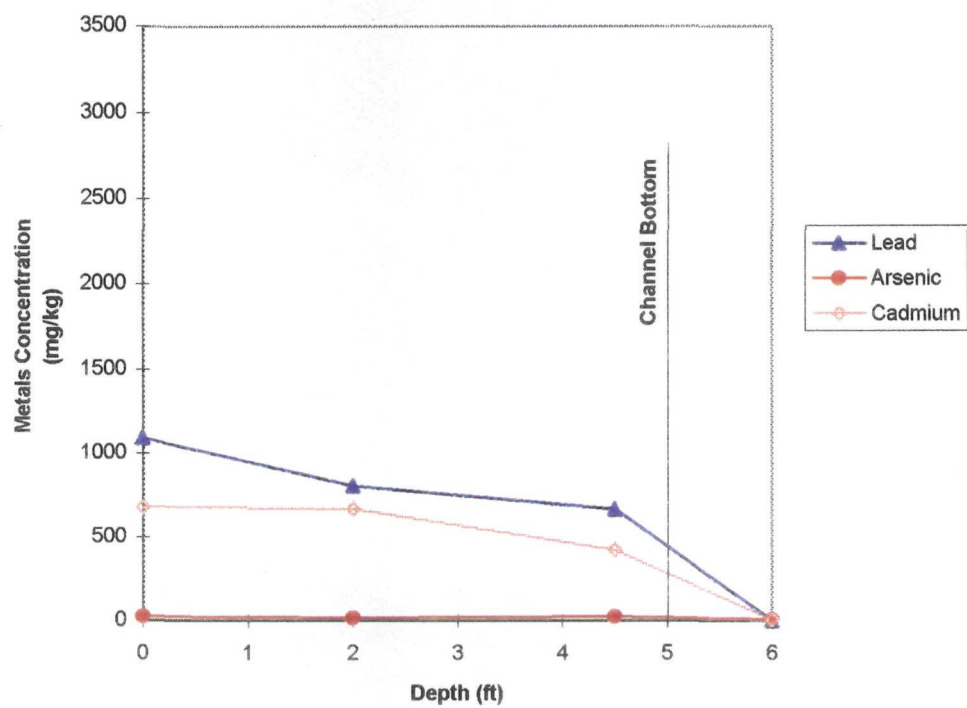


Figure 3-6c

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 5

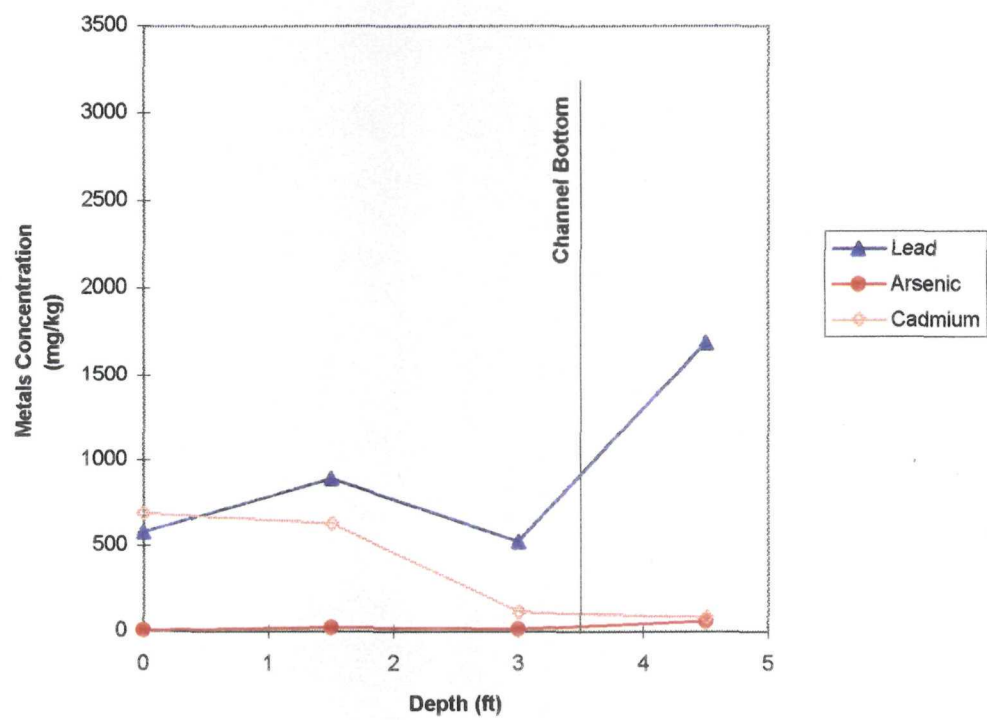


Figure 3-6d

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 7A

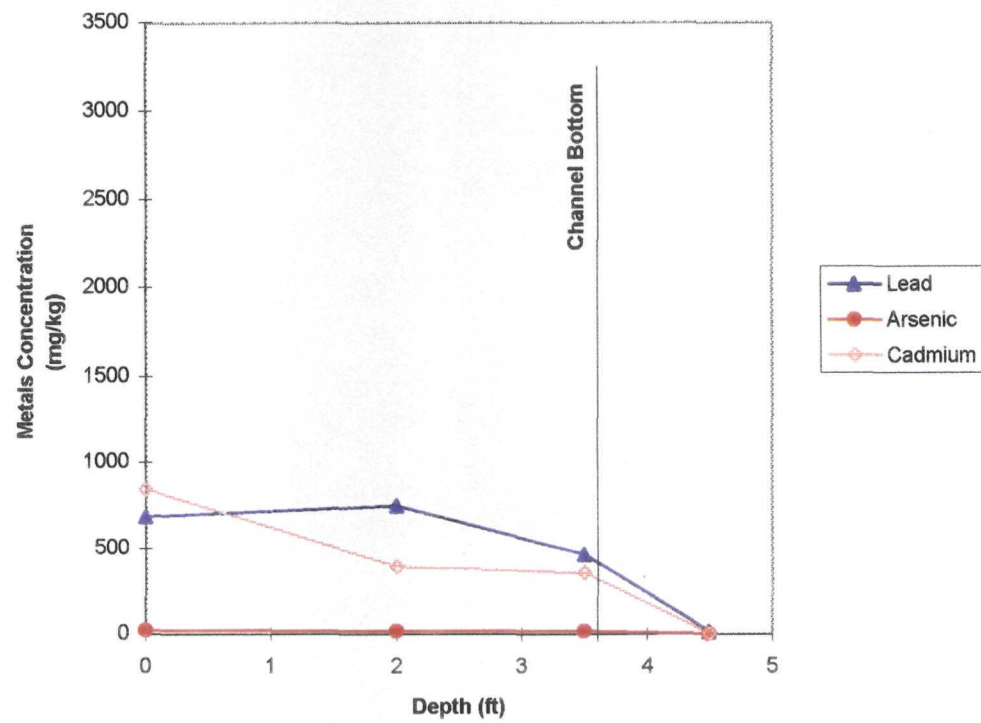


Figure 3-6e

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 7B

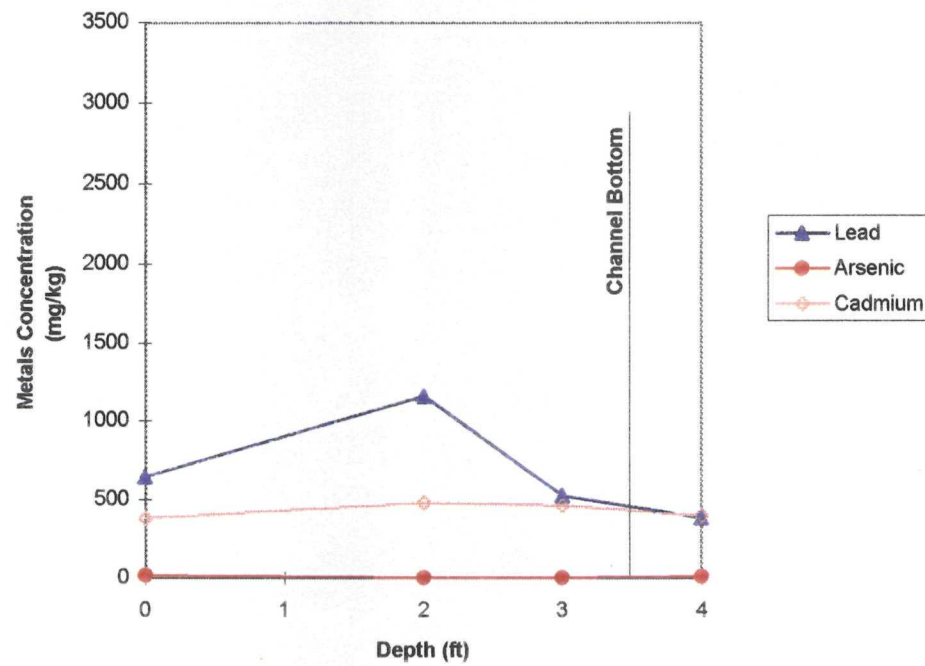


Figure 3-6f

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 9A

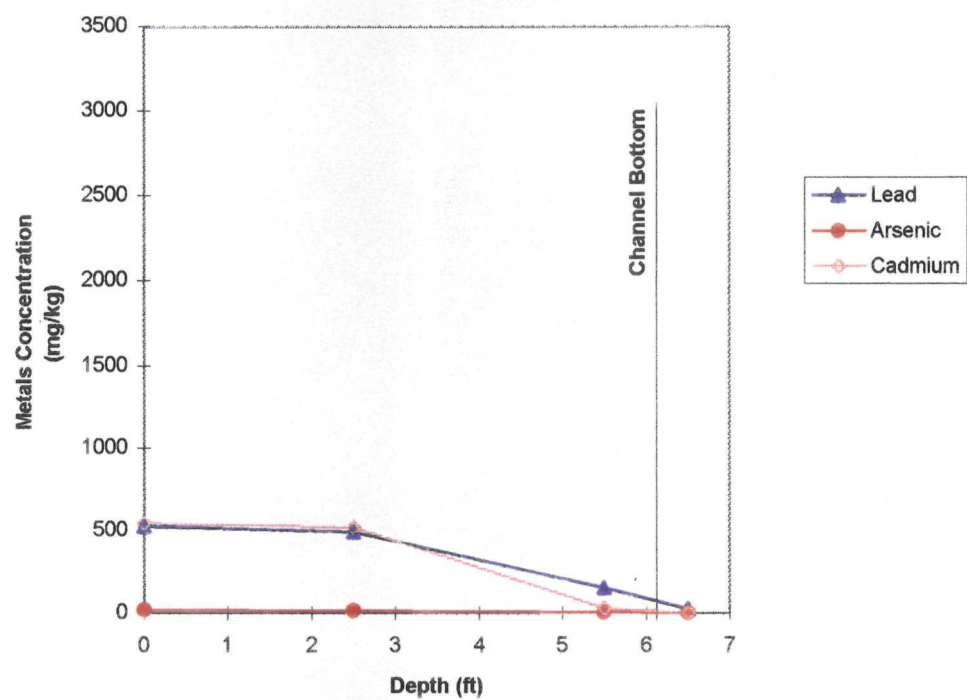


Figure 3-6g

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 9B

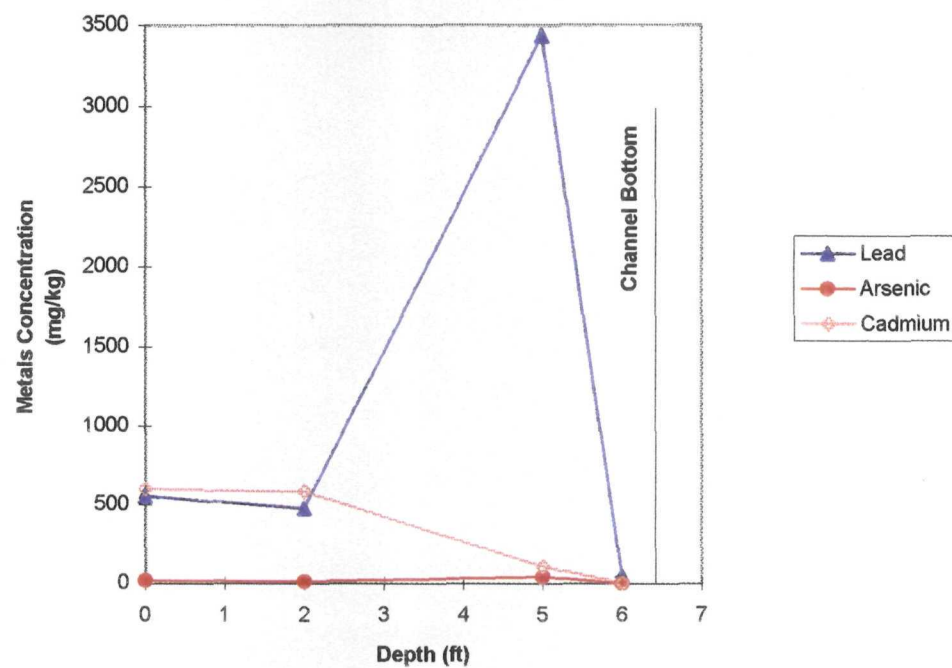


Figure 3-6h

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 11

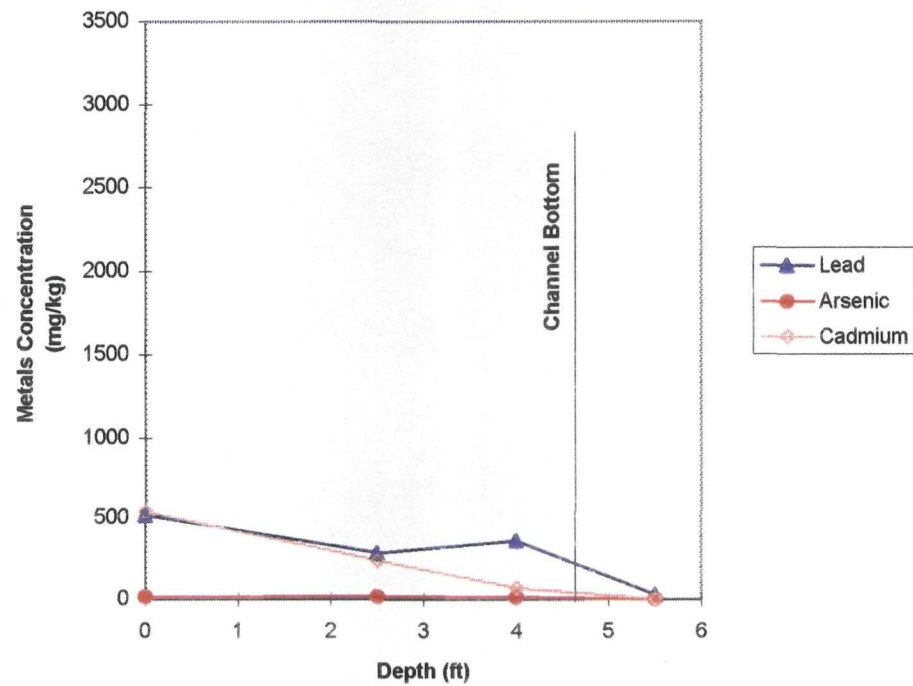


Figure 3-6i

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 13A

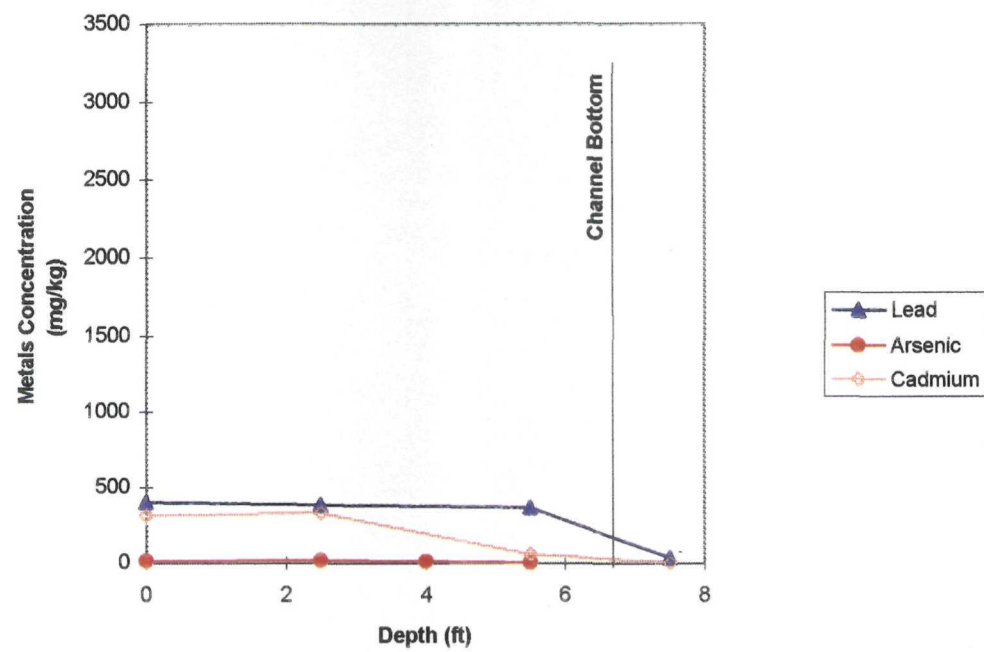


Figure 3-6j

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 13B

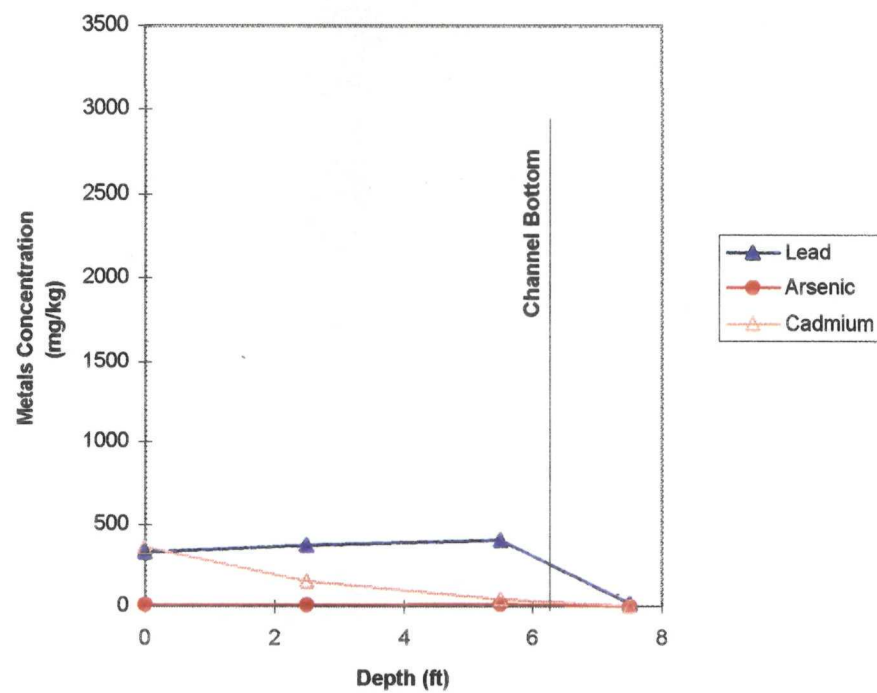
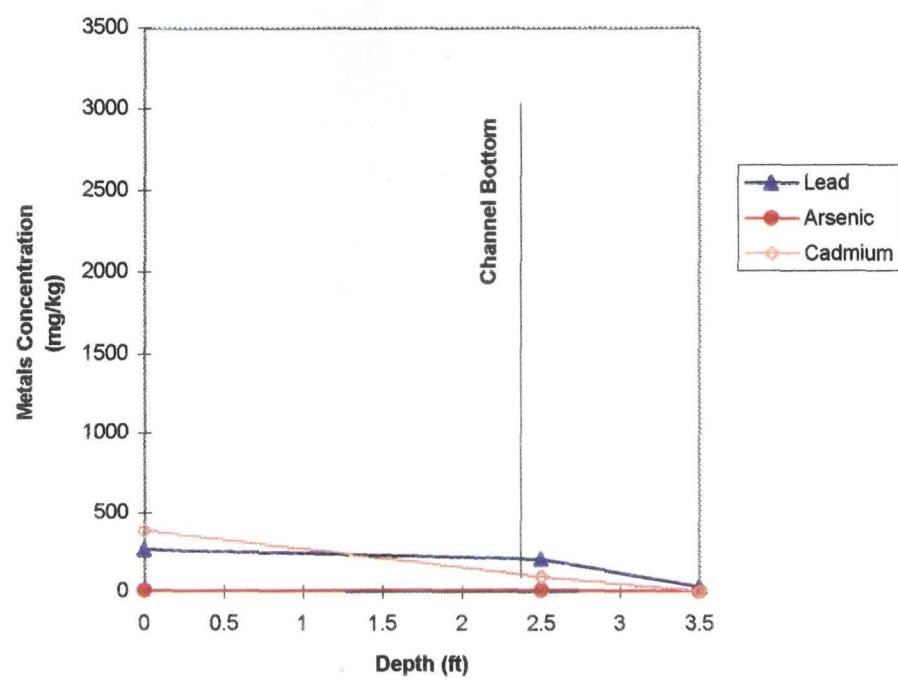
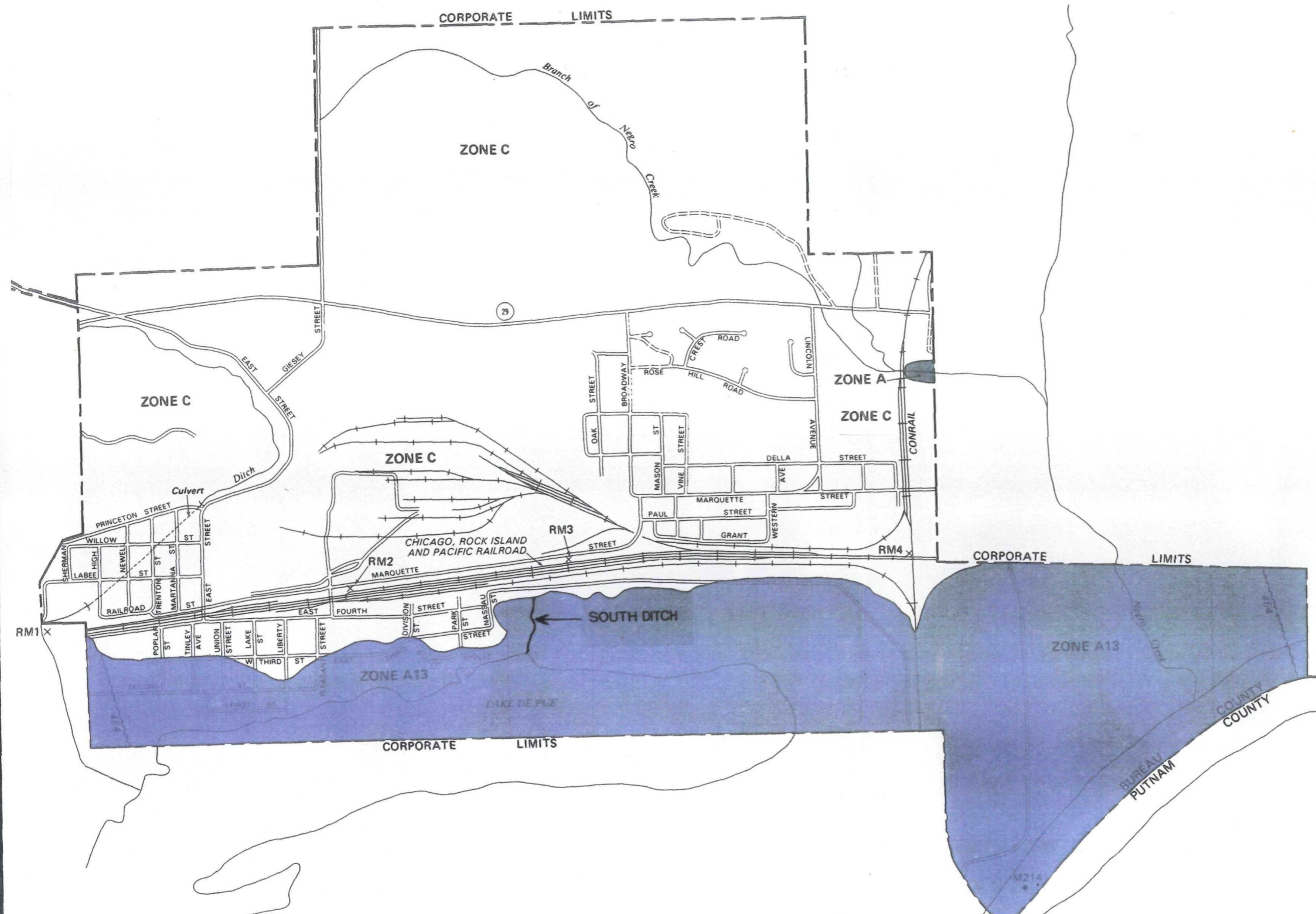


Figure 3-6k

Lead, Arsenic, and Cadmium Concentrations vs Depth  
Transect 14






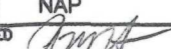
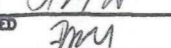
# **LEGEND**

- ZONE A13 - INDICATES AREA WITHIN 100-YEAR FLOOD PLAIN
- ZONE C - AREAS OF MINIMAL FLOODING
- 464 - INDICATES 100-YEAR FLOOD PLAIN ELEVATION

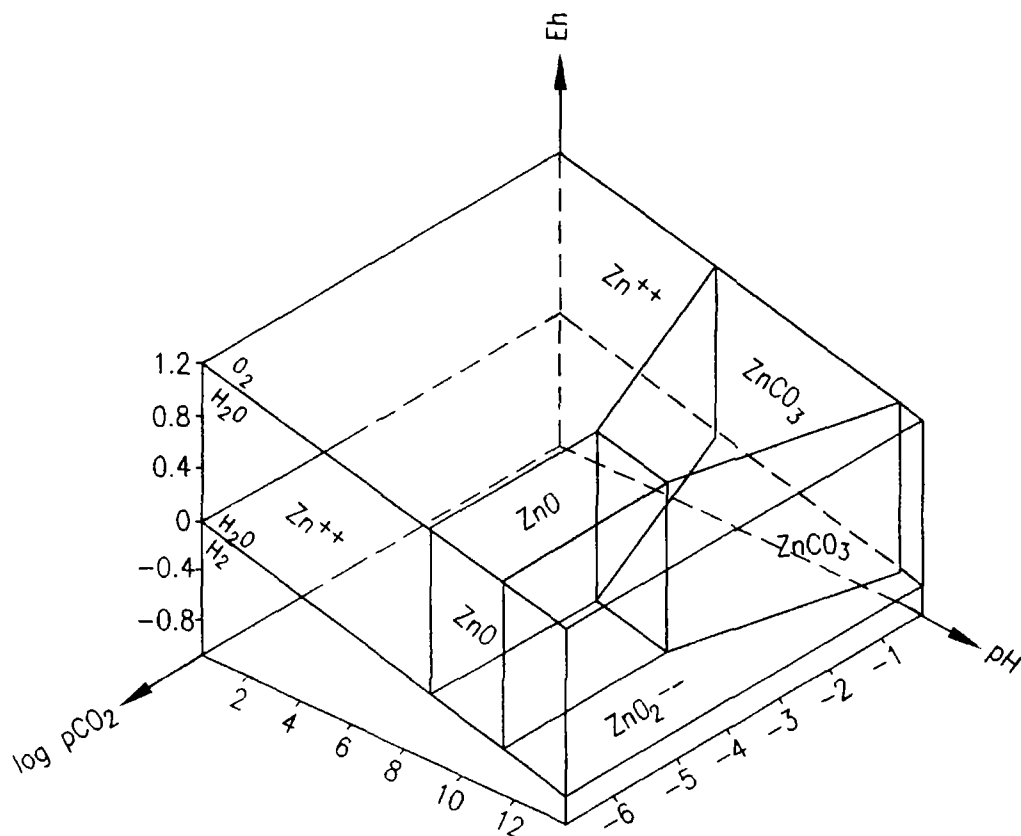


800 0 800  
SCALE IN FEET

SOURCE: NATIONAL FLOOD INSURANCE PROGRAM; FIRM FLOOD INSURANCE RATE MAP, VILLAGE OF DEPUE, ILLINOIS; FEDERAL EMERGENCY MANAGEMENT AGENCY.

 <b>Golder Associates</b> CLIENT/PROJECT DEPUE GROUP RI/FS		TITLE 100-YEAR FLOOD PLAIN	
		DATE 8/7/96	
DRAWN NAP		JOB NO. 953-8222	
CHECKED 		SCALE AS SHOWN	
REVIEWED 		FILE NAME 8222176	
		FIGURE NO. 3-7	





NOTE: STABILITY FIELDS OF SOME ZINC SPECIES AS FUNCTIONS OF Eh, pH AND  $p\text{CO}_2$  IN THE PRESENCE OF PURE WATER AT 25°C AND 1 ATMOSPHERE TOTAL PRESSURE.

SOURCE: EQUILIBRIUM DIAGRAMS FOR MINERALS AT LOW TEMPERATURE AND PRESSURE, COMPILED AND EDITED BY THE GEOLOGICAL CLUB OF HARVARD, ED. HARRISON H. SCHMITT, 1962, 197P.



Chicago, Illinois

# TITLE STABILITY DIAGRAM FOR CARBONATES AND OXIDES OF ZINC

CLIENT/PROJECT

DEPUE GROUP RI/FS

DRAWN NAP

DATE 8/5/96

JOB NO. 953-8222

CHECKED

SCALE NTS

DWG NO.

REVIEWED

FILE NAME 8222174

FIGURE NO.

4-2